

# INTERNATIONAL SEARCH REPORT

Application No

/GB2004/005391

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B01J10/00 B01J19/00 B01J19/18

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B01J C12M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 614 866 A (ASAHI KASEI KOGYO KABUSHIKI KAISHA) 14 September 1994 (1994-09-14)  page 10, line 37 - page 11, line 13 page 12, line 51 - line 53 page 13, line 42 - page 14, line 35 figures 6b,8,9a	1,2,4,5, 7,9, 11-16, 18-20
X	EP 0 027 911 A (UNION CARBIDE CORPORATION) 6 May 1981 (1981-05-06) page 7, paragraph 6 - page 12, paragraph 1 claims 1-9; figures 1-4  ----- -/--	1,2,4,7, 13,14,18

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

17 March 2005

Date of mailing of the international search report

29/03/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax (+31-70) 340-3016

Authorized officer

Vlassis, M

# INTERNATIONAL SEARCH REPORT

Application No

'GB2004/005391

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0614866	A	14-09-1994	CA 2091834 A1	18-09-1994
			JP 2969399 B2	02-11-1999
			JP 5097736 A	20-04-1993
			EP 0614866 A1	14-09-1994
			DE 69307122 D1	13-02-1997
			DE 69307122 T2	24-07-1997
			US 5302762 A	12-04-1994
EP 0027911	A	06-05-1981	DE 3068364 D1	02-08-1984
			EP 0027911 A1	06-05-1981
			JP 56051291 A	08-05-1981
EP 1101526	A	23-05-2001	BR 0005415 A	07-08-2001
			CA 2326586 A1	17-05-2001
			CN 1300639 A	27-06-2001
			EP 1101526 A2	23-05-2001
			MX PA00011275 A	23-05-2002
DE 3902162	A1	02-08-1990	CH 677116 A5	15-04-1991